

## **ORD Review of potential impact of SSE with RIM**

EPA's Office of Research and Development has completed a review of the analysis of risks posed by a potential impact to the radiologically-impacted material (RIM) by the sub-surface smoldering event. This review reflects the EPA's best technical assessment of risks that may arise should the sub-surface smoldering event in the Bridgeton Sanitary Landfill encounter hazardous substances, specifically radiologically-impacted material.

The ORD review evaluated the PRPs' assumption of a SSE encountering RIM; a situation for purposes of risk assessment that the EPA believes has an extremely low probability of occurring. Actions now underway to order the PRPs to construct an isolation barrier between the Bridgeton sub-surface heating event and the RIM, and to enlist the Army Corps of Engineers to manage this construction project, will further reduce that extremely low probability.

The ORD review is posted online and available at:

[http://www.epa.gov/region7/cleanup/west\\_lake\\_landfill/](http://www.epa.gov/region7/cleanup/west_lake_landfill/)